

U.S. Application No. 08/833,342 (patent)

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37. (Amended) An animated talking toy figure [responsive to receiving] adapted to receive an external digital animation-control signal sequence and an external sound signal sequence representing a selected audio sound, said toy figure including:

a body having at least one movable portion;
an audio output means situated within said body for reproducing the selected audio sound in response to the toy receiving the sound signal sequence; and
actuation means situated within said body and operable by the external digital animation-control signal sequence for actuating said movable portion.

40. (Amended) The animated talking toy figure as set forth in claim 39, wherein said

actuator further includes means for coupling said movable portion of the toy to said plunger member of the solenoid, wherein said external sound and digital animation-control signals are wireless signals, and wherein the toy body further includes conventional receiving devices for receiving said wireless signals.

42. (Amended) The animated talking toy figure as set forth in claim 39, wherein said

actuation-control means further includes, means for transferring said external digital animation-control signal sequence received to a [drive-control signal] subsequent digital signal sequence comprising a sequence of a first and a second [drive-control] logic signals for representing [a first and a second predefined binary values] animated and default positions of said movable portion of the toy figure respectively, and [control] logic input means for receiving said [drive-control signal] subsequent digital signal sequence, and wherein said means for switching electric current connects electric current of appropriate intensity to said wiring coil of the solenoid in response to said [control] logic input means receiving the first [drive-control] logic signal so as to move said plunger member and hence said movable portion attached thereto and disconnects electric current from the wiring coil in response to the [control] logic input means receiving the second [drive-control] logic signal so as to return the movable portion to its default position.

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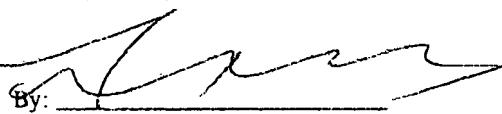
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44. (Amended) [In combination with a multimedia computer,] An animated talking toy adapted to be controlled by a multimedia computer and responsive to receiving a sequence of sound signals representing a selected audio speech and a sequence of digital animation-control signals transmitted from the computer, said animated talking toy comprising:

a toy figure having a body portion including at least one movable portion;
an audio output means situated within said body for reproducing the selected audio speech in response to the toy receiving said sound signal sequence; and
actuation means situated within said body, including an actuation-control means operable by said digital animation-control signals and an actuator for moving said movable portion in response to the actuation-control means receiving the digital animation-control signals;

said digital animation-control signal sequence being associated with said selected audio speech in a predetermined manner and transmitted to the toy in synchronization with the transmission of said sound signal sequence to the toy.

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47. (Amended) The animated talking toy as defined in Claim 44, wherein said actuator comprises a solenoid means having a wiring coil and a magnetic plunger member disposed therein and attached to said movable portion, and wherein said actuation-control means includes a [control] logic input means for receiving said digital animation-control signals and means for selectively switching electric current to said wiring coil of the solenoid for causing movement of the plunger member and the movable portion in response to the [control] logic input means receiving the animation-control signals.

Respectfully submitted,

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